



March 29, 2016

CUST ID No. 1340504

JOSEPH SOULIA
ORENCO SYSTEMS
814 AIRWAY AVE
SUTHERLIN OR 97479

PLAN APPROVAL EXPIRES: 03/31/2021

Re: Description: SEWAGE TREATMENT APPARATUS, EFFLUENT FILTER
Manufacturer: ORENCO SYSTEMS
Product Name: (trans id 2682658) BIOTUBE EFFLUENT FILTER
Model Number(s): FTS0436-28, FTS0436-28A, FTS0436-28M, FTS0436-28MA, FTS0444-36, FTS0444-36A, FTS0444-36M, FTS0444-36MA, FTW0436-28, FTW0436-28A, FTW0436-28M, FTW0436-28MA, FTW044-36, FTW0444-36A, FTW0444-36M, FTW0444-36MA, FT0448-36, FT0848-36A, FT0854-36FT0854-36A, FT1254-36, FT1254-36A, FT1254-36R, FT1254-36AR, FT1554-36, FT1554-36R AND FT1554-36AR
[See attachments for filter diameter in nomenclature of model number and max. flow in GPD]
Product File No: 20160083

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of March 2021.**

This approval supersedes the approval issued on 9/7/2010 under product file number 20100351.

This approval is contingent upon compliance with the following stipulation(s):

- An access opening of sufficient size to allow removal of the filter must be provided over the outlet tee baffle of which this product is installed. This access opening must terminate at or above grade.
- Maintenance information must be given to the owner of the tank explaining that periodic cleaning of the filter will be necessary.
- When this product is installed in an interior compartment, the discharge connection must be solvent cemented to a single four inch diameter schedule 40 PVC, plastic pipe (ASTM D-2665 or ASTM D-1785) which is solvent cemented to a four inch diameter schedule 40 PVC coupling encased in the interior wall.
- The influent holes on the effluent filter shall be appropriately configured by the manufacturer so that the influent holes are positioned between 65% and 75% of the tank's minimum liquid level. This shall be coordinated with the manufacturer or manufacturer's representatives by submittal of appropriate tank drawings and/or dimensions.

Identification Numbers
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Please refer to both identification numbers, above, in all correspondence with the agency.

- The discharge rate of the filter must allow sufficient flow to prevent the tank's inlet from becoming submerged.
- When this product is installed in an exterior compartment, the discharge connection must be solvent cemented to a single four inch diameter Schedule 40 (ASTM D-2665 or ASTM D-1785) or SDR 26 (ASTM D-3034) PVC plastic pipe which extends through the outlet opening of the tank to a point at least three feet beyond the undisturbed ground surrounding the excavation made for the tank. When the boss stop is required to be removed, written permission must be obtained from the tank manufacturer prior to installation of the product.
- MAINTENANCE: Clean filter at inspection/pumping interval.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen Jones, M.S.
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